



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

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SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: G. R. Perfetti, P. E.
State Bridge Design Engineer

DATE: July 8, 2002

SUBJECT: BENT CAP WIDTH DIMENSIONS

At the request of the Construction Unit, the minimum cap width for post and beam bents supported on drilled piers shall be increased from 2" (50 mm) to 8" (200 mm) wider than the column diameter.

Currently, the drilled pier special provision permits a 3" (75 mm) construction tolerance in any direction from the position indicated in the plans. This revision is intended to eliminate bent cap construction problems and plan revisions associated with drilled piers constructed within the allowable tolerance.

This policy is effective as soon as practicable, but no later than the January 2003 letting. The Design Manual and NCBDS will be revised to reflect this policy change at a later date.

GRP/DBM

Cc: R. V. Keith, P. E.
R. A. Hancock, P. E.
P. A. Simon, P. E.